

Product datasheet for **RN213588**

Usp51 (NM_001108252) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp51 (NM_001108252) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp51
Synonyms:	RGD1562211
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213588 representing NM_001108252
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACGTTGAGAAGCGTCCCGTCTCCGCTCCGCTCGCTGTTGGAGTTCGGGAGTGGTTCGAG
 GAGCCTGTTGGAGCAGGCGGCTGAGAATGCATCGAGAATGGAGCAGACGATGCGGGGTACACAGGGAGC
 CCAGGAGATGAAGCCGGAGCTGTGGCCGGAGCCCAAGCCACGTCGGAGAACTTAACAAGTAGGGGAGT
 GGCAGCGATGAGAAGGTCTCCCTTCTATCCCGCTGCTTGTACACCAGCTCCAGCTCGGTTTGCCCGC
 GCCGAAGCCCGCCCTCGGCCAGCCAGGTCCTCCAGGGGAGGGCGTGGCTCAAGGCCACC
 CCCGCTCCCGCCAAACCTCCGCTCCCGCCAGCGCCGCCACCACCCCTGCCAAGCCGCGGCCG
 GTGGCCTGGCGCAATCCAGGCGTAGACCCAGGCTGCACCCAGACCCAAACACGAAAAGCTACCCTA
 GTGACCCAGGCTGCTCTGGGACTCAGATGGCACAGAGAACAGGTTACTGGAGTAGGGTTTGATAAGGG
 TCCACAGGCTGCTCTATGTAGAGATCTTAAAGTAGCTAAAACTGGCGGAGGAACCTCGGGATGATC
 TATCAGCGTTTCAATTTGGAGTGAACCCCGGAGACTAGGAAGCGTAAGGCAAGACATGCATCTGTCTGT
 TATGTAGTACGCATAAGAACAGACTCCACTCTTGTCTGTCTGTATTTTTCGGATGCTTTACTGAGAA
 ACATATTCATATTCATGCAGAACTAAGCAACACAATTTAGCAGTAGACCTTACCATGGGGTTATATAT
 TGCTTTATGTGAAGGATTATGTATATGACAAAGATATAGAAAAGATTGCCAAAGAAAACAAAGAGAAAA
 TTCTGGGACTCTAATGTCCACTGCAGGAGATATGTCTTATCAGCAACTAATGGCATCTGAGGTTGAAGA
 AAATCAATCAATCTGTGAGTCCAAGAACAGGAGACCAGTTTGGTAAAACCAAGAAAAGAGGAGGAAG
 AAGACAGTGTATTACTGTAGGCTCAGAGGGTAAATTAATCTTGGGAATACTTGCTTTATGAAGTGA
 TTGTCCAGGCATTACCCGATTCCACTACTGAAGGAGTCTTCCCTTCGGATAAGCACAAATGCATGAT
 GACAAGCCCGAGCTTGTGTTGGTCTGTGAGATGTCTTCACTTTTTCAAGCTATGTACTCGGGGAACCAA
 AGTCTCATATTCCTATAAAATTGCTTACCTGATATGGATCCATGCAGAGCATCTAGCTGGGTACAGGC
 AACAGGATGCTCATGAGTTTCTGATTGCAATATTAGATGTGTTGCATAGACACAGCAGAGATGATGGCAT
 CGAGCAAGAAGGTAACCTCAACCACTGTAAGTGCATCATAGACTACATCTTTACAGGTGGCTGCAGTCC
 GATGTCACCTGTCAAGTCTGTCTGTTGTCTCCACCACTATAGACCCATGCTGGGACATTAGTCTGGACT
 TGCTGTCTTTATACCCAGGGAGGGCTGGCAGCACAGGCCAGAAGCCACGAGTCTACTTACAGTACAGA
 TTGCTGAAGTGGTTTACAAGGCCGAAGACCTGGGAAGCAGTGCAAAATCAAATGCAGTCGATGCCAA
 AGCTACCAGCAATCTACCAACAGCTCACAATGAAGAAATACCGATTGTGGCCTGCTTTCATCTGAAAC
 GGTTTGAACATTTAGGCAACAGAGACGCAAGATTAATACTTTTTATCTATTTCTTTGGAGCTAGACAT
 GACACCCTTTTTGGCCTCTACTAAAGAAAGCATAATGAAAGGCCAGCCATTAACGGAGTGTGTGCCAAT
 GAGAATAAATATCTTTGTTTGCAGTGATTAACCACTGGTACTTTGAAAAGTGGCCATTACACCACT
 TTGTCCGTGAGAAAAGGACAGTGGTTCAGCTGCGATGATGCTGTAGTCACTAAGGCTACAATGGAGGA
 GTTACTCTATAGTGAAGGTATCTACTGTTCTATCACAGGCAAGATATAGAGAAAGAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108252
- Insert Size:** 2091 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001108252.1](#), [NP_001101722.1](#)

RefSeq Size: 2310 bp

RefSeq ORF: 2091 bp

Locus ID: 317398

Cytogenetics: Xq12